

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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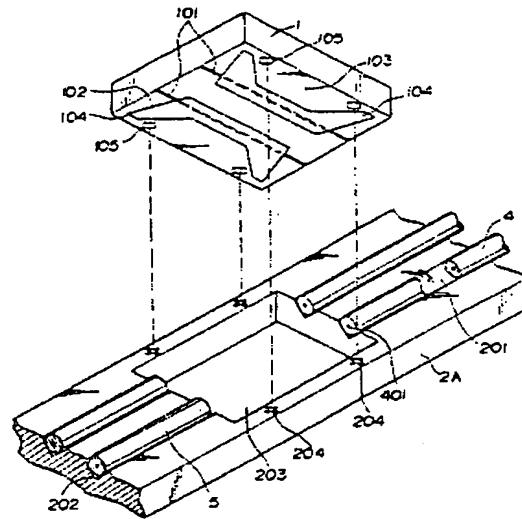
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APPLICANT : NIPPON TELEGR & TELEPH CORP  
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TITLE : OPTICAL COMPONENT PACKAGE  
BODY



ABSTRACT : PURPOSE: To position a waveguide and an optical fiber relatively in a height direction by forming V-sectioned grooves where an input-side and an output-side optical fiber are held in a substrate.

CONSTITUTION: The substrate 2A is provided with the V grooves 201 and 202 for holding the optical fibers 4 and 5, a window 203 which penetrates the substrate in the plate thickness direction, and a reference mark 204 which is utilized for the positioning of a optical component 1. The V grooves 201 and 202 are held having the optical axes aligned with the optical axis of the optical waveguide 101 of the optical component 1. Thus, the V grooves for the positioning of the input and output optical fibers are formed with the same mask of the same etching process, so the input and output optical fibers can be positioned without requiring any special process.

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